

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7355	porous adj particles	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/24 14:17
L2	8854	porous adj particles	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:17
L3	547	1 and (freeze adj (dried or drying or dry))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:17
L4	547	11 and (freeze adj (dried or drying or dry))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:17
L5	337	14 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:17
L6	149	15 and (oil near3 water)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:18
L7	47	16 and @pd<="20040127"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:18
L8	12	17 and sublimation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/24 14:21

S1	1	"10587732"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 11:16
S2	200	521/141.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 11:37
S3	1	US-5723508-\$.DID. OR WO-03091321-\$.DID. OR WO-0309132106-\$.DID. OR WO-2004011537-\$.DID. OR WO-200401153705-\$.DID. OR WO-2005014704-\$.DID. OR WO-200501470417-\$.DID. OR US-20051000311-\$.DID. OR JP-01011141-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 13:01
S4	2209	polymeric adj (bead powder or molded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:24
S5	722	S4 and ((vinyl adj alcohol) or (acrylic adj acid) or (methacrylic adj acid) or acrylamide or (acrylamide adj methylpropane adj sulphonate) or aminoalkylacrylate or aminoalkylmethacrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:31
S6	193	S5 and ((xanthan adj gum) or xyloglucan or (cellulose adj acetate) or methylcellulose or methylethylcellulose or (hydroxyethyl adj cellulose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:34
S7	110	S6 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:35
S8	91	S7 and (triglyceride or (fatty adj alcohol adj ethoxylate) or (fatty adj amide adj ethoxylate) or (fatty adj amine adj ethoxylate) or sorbitan or soap or oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:47
S9	87	S8 and (anionic or ionic or cationic or zwitterionic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:48

S10	43	S9 and ((freeze adj dry) or (freeze adj drying) or (freeze adj dried))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:48
S11	2	S10 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 13:50
S12	18	S9 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:14
S13	0	S12 and ((antimicrobial adj agent) or (antidandruff) or (antifoam) or (flavor) or (pesticide) or herbicide or insecticide or bleach or antioxidant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:15
S14	0	S12 and (intrusion adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:15
S15	313	intrusion adj volume	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:16
S16	132	S15 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:16
S17	15	S16 and ((xanthan adj gum) or xyloglucan or (cellulose adj acetate) or methylcellulose or methylethylcellulose or (hydroxyethyl adj cellulose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:16
S18	10	S17 and (triglyceride or (fatty adj alcohol adj ethoxylate) or (fatty adj amide adj ethoxylate) or (fatty adj amine adj ethoxylate) or sorbitan or soap or oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:16

S19	0	S18 and sublimation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:16
S20	20681	porous adj (body or bodies)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:18
S21	7306	S20 and (powder or bead or mold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:19
S22	8011	S20 and (powder or bead or mold or molded)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:19
S23	1306	S4 and ((vinyl adj alcohol) or (acrylic adj acid) or (methacrylic adj acid) or acrylamide or (acrylamide adj methylpropane adj sulphonate) or aminoalkylacrylate or aminoalkylmethacrylate or hydroxyethylacrylate or hydroxyethylmethacrylate or (vinyl adj pyrrolidone) or (vinyl adj imidazole) or (vinyl adj amine) or (vinyl adj pyridine) or ethyleneglycol or (ethylene adj glycol) or (ethylene adj oxide) or ethylene oxide or (ethyleneimine) or styrenesulphonate or (styrene adj sulphonate) or ethyleneglycolacrylate or (ethylene adj glycol adj acrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:23
S24	320	S23 and ((xanthan adj gum) or xyloglucan or (cellulose adj acetate) or methylcellulose or methylethylcellulose or (hydroxyethyl adj cellulose) or (hydroxyethylmethyl adj cellulose) or (hydroxypropyl adj cellulose) or (hydroxypropylmethyl adj cellulose) or (ethylhydroxyethyl adj cellulose) or (carboxymethyl adj cellulose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:25
S25	145	S24 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:26

S26	9	S25 and ((anionic or cationic or non-ionic or zwitterionic) and (surfactant near solid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:26
S27	37	S25 and (anionic or cationic or non-ionic or zwitterionic) and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:27
S28	0	S27 and sublimation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:28
S29	8	S27 and (freeze)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:28
S30	6	S29 and (freeze near (dry or dried or drying))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:28
S31	5	S30 and (triglyceride or (fatty adj alcohol adj ethoxylate) or (fatty adj amide adj ethoxylate) or (fatty adj amine adj ethoxylate) or sorbitan or soap or oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:29
S32	0	S27 and (intrusion adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:32
S33	0	S25 and (intrusion adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:33
S34	0	S24 and (intrusion adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:33

S35	3	S23 and (intrusion adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:33
S36	1	GB and "0217587"	DERWENT	OR	OFF	2009/01/30 14:35
S37	0	UK and "0217587"	DERWENT	OR	OFF	2009/01/30 14:36
S38	0	S25 and (intrusion adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:45
S59	1	"10565433"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/02 15:13
S60	13	"4367297"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/03 16:29
S61	22	fluid adj freezing adj medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:16
S62	5	S61 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:17
S63	0	S62 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:17
S64	1	S62 and polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:18
S65	2	S62 and (polymer or polymeric or solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:18

S66	676	fluid adj freezing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:18
S67	391	S66 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:18
S68	7	S67 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:20
S69	17	"3551533"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 10:48
S70	15	"4218262"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:36
S71	0	"4218262" and (solid near surfactant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:37
S72	12	"4218262" and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:37
S73	203	surfactant near (solid adj at (ambient or room) adj temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:49
S74	311902	S73 and powder or bead	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:49

S75	75	S73 and (powder or bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:50
S76	47	S75 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:50
S77	36	S76 and aqueous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:51
S78	20	S77 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:51
S79	0	S78 and (discontinuous adj phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:52
S80	20	S78 and solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:53
S81	0	solid adj surfactnat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:59
S82	751	solid adj surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 13:59
S83	462	S82 and @pd<="20030125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 14:00



S84	235	S83 and (powder or bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 14:00
S85	154	S84 and solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 14:01
S86	79	S85 and polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 14:01
S87	65	S86 and (emulsion or dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 14:01
S88	1	S87 and (discontinuous adj phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 14:01
S89	6	"2004011537"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 17:23
S90	1	WO and "03091321"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/09 14:21
S91	0	"89011141"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/10 10:57
S92	38	JP and "011141"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/10 10:57

S93	0	JP and "64011141"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/10 10:58
S94	3	JP and "64111141"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/10 10:58
S95	0	"5025004" and (void adj volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/10 16:22
S96	1	"11587732"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/05 14:36
S97	2	"20080221321"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/05 14:36
S98	1	"10587732"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/05 14:36
S99	9	"5025004" and porous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/05 14:45
S100	3	"6048908" and HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 14:39
S101	17	"3551533"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:19

S102	11	"3551533" and sublimation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:19
S103	0	HLB adj value adj of adj Tween adj "80"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:51
S104	0	((HLB or (hydrophile adj lipophile adj balance)) adj value) near (Tween adj "80")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:52
S105	657	((HLB or (hydrophile adj lipophile adj balance)) adj value) and (Tween adj "80")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:52
S106	109	S105 and porous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:52
S107	100	S106 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:52
S108	78	S107 and polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:52
S109	12	S108 and @pd<="20030210"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 16:53
S110	40	"5025004" and soluble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/16 09:41

S111	0	"10587732" and payload	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/16 10:24
S112	0	"10587732" and (pay adj load)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/16 10:24
S113	1	"10587732" and cellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 11:53
S114	1	"10587732"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 13:05
S115	7	"4997599"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 13:14
S116	40	"5025004" and soluble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 13:23
S117	3	"4997599" and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 13:29
S118	2	"7153525" and (ethyl adj cellulose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:11
S119	5	"2006080895"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:16

S120	1	"11583295"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:21
S121	1	"10587732"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 10:12
S122	49	"5025004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/24 09:15
S123	1	"10587732"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/24 09:20
S124	15	"4888420"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/24 09:30

11/ 24/ 2009 3:43:54 PM

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